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(54) **CONFIGURABLE, REPAIRABLE, AND  
RECYCLABLE CARGO PALLET**

USPC ..... 108/56.1, 56.3, 901, 902, 57.25, 51.11  
See application file for complete search history.

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(57) **ABSTRACT**

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(58) **Field of Classification Search**

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A configurable pallet that can be readily assembled to match the particular load requirements of an application. The pallet includes structural elongated platform members **10**; **10'** used in different configurations with either leg members **30** or reinforcement structural beams **20**. Platform members **10'** include conical protuberances **14'**; **16'** that are receivable within cooperating frustoconical openings **14**; **16** or **14a**; **16a** that keep the structural members in place and perpendicularly to each other, in addition to the use of fastening members. When reinforcement beams **20** are used, the structural integrity of the pallet is enhanced to reduce the stress/relaxation wear thereby preventing or minimizing the possibilities of disengagement. A diaphragm plate **225** is optionally used to enhance the structural stability of beam **20**.

**18 Claims, 10 Drawing Sheets**

